

Anton

Senior Senior Software Engineer / Full Stack Developer

SUMMARY

- Senior Software Engineer with 10+ years of expertise in scalable web applications and distributed systems using JavaScript, TypeScript, React.js, Node.js, and Python.
- Proven leadership in transitioning to event-sourcing architectures, achieving 39× faster read query performance and enhancing system scalability.
- Extensive experience in microservices, REST API development, and database optimization with MongoDB and PostgreSQL for high-performance applications.
- Skilled in integrating AI-powered development tools like Claude Code and Cursor IDE to boost engineering productivity and innovation.
- Strong background in full software development lifecycle, team mentoring, and delivering complex solutions across diverse domains including industrial monitoring, telecommunication, and asset trading.

TECHNICAL SKILLS

Main Technical Skills	JavaScript (2 yr.), TypeScript (2 yr.), React (2 yr.), Node.js (2 yr.)
AI Tools & Assistants	Claude, Cursor
Programming Languages	JavaScript (2 yr.), Python, TypeScript (2 yr.)
JavaScript Frameworks	Angular (1 yr.), Ext JS (2 yr.), Node.js (2 yr.), React (2 yr.)
AI & Machine Learning	Claude
Databases & Management Systems / ORM	HDFS, MongoDB (2 yr.), PostgreSQL (2 yr.)
UI Frameworks, Libraries, and Browsers	Ant Design
SDK / API and Integrations	API
Deployment, CI/CD & Administration	CI/CD
Methodologies, Paradigms and Patterns	Clean Architecture, microservices architecture
Third Party Tools / IDEs / SDK / Services	Cursor
Virtualization, Containers and Orchestration	Docker
Version Control	Git



Soft Skills	Leadership, Mentor Aptitude
Operating Systems	Linux
BlockChain and Decentralized Software	Optimism

WORK EXPERIENCE

Senior Software Engineer - Confidential (Web-based platform for heat pump installation company)

Duration: Jun 2024 - Present

Summary:

- A web-based platform developed for a heat pump installation company in the Netherlands to manage installation processes, operational workflows, and internal services
- The platform integrates AI-assisted development tools and uses event-sourcing architecture to support scalable data processing and improve development efficiency

Responsibilities:

- Led the transition to an event-sourcing architecture, improving read query performance by 39x.
- Developed full-stack features using React, Next.js, Node.js, and TypeScript.
- Designed and optimized MongoDB schemas and backend services to support scalable application performance.
- Integrated AI-powered development tools (Claude Code, Cursor IDE) into the engineering workflow.

Technologies: React.js, Node.js, TypeScript, Next.js, MongoDB, Claude Code, Cursor IDE

Senior Software Engineer - Akvelon (Web-based videoconferencing platform and related client projects)

Duration: May 2025 - Oct 2025

Summary: Multiple client projects for US-based companies including a web-based videoconferencing platform for remote communication and collaboration, a medical telecommunication service enabling communication between healthcare providers and users, and an asset trading platform for managing and monitoring digital asset transactions.

Responsibilities:

- Implemented backend services in Node.js for external API integration and data processing.
- Designed and optimized PostgreSQL database schemas for performance and scalability.
- Developed pricing algorithms based on aggregated market data analysis.
- Built and maintained React frontend components for internal tools.
- Built and enhanced features for the videoconferencing platform using Angular.

Technologies: Angular, Node.js, TypeScript, PostgreSQL, React.js



Team Lead - IBM (Crude oil drilling monitoring platform)

Duration: Mar 2023 - Aug 2023

Summary:

- A complex industrial platform designed to monitor crude oil extraction operations and provide real-time analytics for drilling performance and operational efficiency
- The platform integrates with data science tools and analytics pipelines for advanced monitoring and supports large-scale industrial data processing

Responsibilities:

- Led a team of 3 frontend and 3 backend developers, managing development tasks and delivery timelines.
- Mentored engineers and conducted performance reviews and technical guidance sessions.
- Collaborated with Data Science and DevOps teams to successfully launch the monitoring system.
- Developed and maintained a high-performance frontend system supporting infinite scroll content updates with advanced filtering.
- Built backend APIs and services using Node.js and TypeScript.
- Designed and optimized PostgreSQL database structures and queries to handle large datasets.
- Led the containerization of services, improving deployment consistency and scalability.

Technologies: Python, React.js, Node.js, TypeScript, PostgreSQL, Docker

Founder - Confidential (Telegram bot for collaborative trip expense management)

Duration: Mar 2023 - Aug 2023

Summary: Designed and developed a Telegram bot to facilitate collaborative trip expense management, simplifying expense creation and group expense tracking with an intuitive user experience.

Responsibilities:

- Designed and developed the Telegram bot using Node.js and TypeScript.
- Implemented backend logic and database architecture using MongoDB to store and manage expense data.
- Created an intuitive UX flow to simplify expense creation and group expense tracking.
- Managed the full product lifecycle including concept, development, and deployment.

Technologies: Node.js, TypeScript, MongoDB

EDUCATION

- **Bachelor in Computer Science**
2012 - 2016

